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Country: JP Japan

Kind: A (See also: [JP3203307B2](#))Inventor: NIYUUKA YUICHI;  
SHIROISHI TAKANOBU;  
IKEDA YASUSHI;  
TAKAHASHI HIROMICHI;Assignee: KAO CORP  
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Published / Filed: 1998-02-24 / 1996-08-08

Application Number: JP1996000209775

IPC Code: D21C 5/02;

Priority Number: 1996-08-08 JP1996000209775  
1996-08-08 JP19961996209775

Abstract: PROBLEM TO BE SOLVED: To obtain a deinked pulp having high whiteness and yield and slight in tacky material and ash from various kinds of raw material waste paper by changing pH in the system by  $\geq 2$  in at least one part of a flotation process.

SOLUTION: A surfactant is added to pulp slurry prepared by adding various kinds of chemicals to raw material waste paper and these materials are mechanically stirred to deink the pulp slurry and the pulp slurry containing released ink is introduced into a flotator and pH in the system in a flotation process is changed by at least  $\geq 2$  (preferably 3-6) and the flotation process is preferably carried out at a range of pH10-4. Ink and filler, etc., removable at each pH are removed even if various kinds of waste papers are mixed therein to improve deinking effect.

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Other Abstract Info: None



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